BÀI 2:

#include <stdio.h>

#include <unistd.h>

#include <string.h>

int main(int argc, char\* argv[])

{

int fp1[2],

fp2[2]; int pid;

if(argc<2) {

printf(“Doi so thieu.\n”);

return -1;

}

if((pipe(fp1)==0)&&(pipe(fp2)==0)) {

pid = fork();

if(pid<0) {printf(“Fork failed\n”); return -1;}

else if(pid==0) {

close(fp1[1]);

int tam;

read(fp1[0],&tam , sizeof(tam));

printf(“Read from parents: %d\n”, tam);

printf(“Reply from child: ”);

scanf(“%d”,tam);

close(fp2[0]);

write(fp2[1],&tam,sizeof(tam));

else {

int n;

scanf(“%d”,n);

printf(“Data from parent: %d\n”, n);

close(fp1[0]);

write(fp1[1],&n, sizeof(n));

close(fp2[1]); read(fp2[0],&n,sizeof(n));

printf(“data from child %d\n”,n);

}

} // of row 14 else {printf(“Pipe failed\n”); return -2;}

}